

Number of experiments in parenthesis. Corrected for amino acid content

Square brackets indicate cyclic portion.

nd= not determined

^a 50% reduction in binding of ¹²⁵I-C5a to intact human PMNs

^b 50% reduction in myeloperoxidase secretion from human PMNs mediated by 100 nM C5a

^c Agonist activity in dose range 0.1 nM-1 nM ^d Finch *et al*, 1997; ^e Kawai *et al*, 1991

CHO	SEO TD NO.11	PEPTIDE $pD_2 \pm SE^a$ $IC_{50} (\mu M)^a$ (n) $pD_2 \pm SE^b$ $IC_{50} (\mu M)^b$ (m) $pD_2 \pm SE^b$ $(\mu M)^b$	PD ₂ ± SE ^a 5 40 + 0 22	$IC_{50} (\mu M)^a (n)$	(n)	$pD_2 \pm SE^b \qquad IC_{50}$ $(\mu M)^b$	IC ₅₀ (μM) b	(n)
SEQ.	ID NO:12 ID NO:19	ACF-[OPDChaWR] [FWPdChaWR]	6.44 ± 0.14* 4.37 ± 0.36*	0.4 43	ron	7.30 ± 0.25 0.05 7.30 ± 0.09 0.05 nd	0.05	n თ
SEQ.	ID NO:20 ID NO:21	AcF-[KMdChaWR] AcF-[KKdChaWR]	4.81 ± 0.06 3.94 ± 0.4	15 116	0 W	nd 4.88	13	Н
	Effect	of length of	linker in cycle on antagonist binding affinity and antagonist	antagonist	bindin	ng affinity an	d antago	nist

Eff	Effect of length of linker in cycle on antagonist binding affinity and antagonist	ker in cycle o	n antagonist	binding	r affinity	and anta	agonist
pot	potency				•		1
SEQ ID NO:22	AcF-[XPdChaWR]	5.02 ± 0.07	9.5	3	4.71 ± 0.23	20	co
SEQ ID NO:23	AcF - $[X^2PdChaWR]$	$4.77 \pm 0.14*$	17	ص	$*80.0 \pm 60.9$	8.0	4
SEQ ID NO:12	AcF-[OPdChaWR]	4.60 ±0.06*	16	4	6.42 ± 0.10	0.4	4
SEQ ID NO:24	AcKF-[OPdChaWR] 4.96 ± 0.03	4.96 ± 0.03	11	æ	6.73	0.2	_

Table 6 (cont.)

	PEPTIDE	pD ₂ ± Seª	IC ₅₀ (µM) ^a	(n)	pD₂ ± SE ^b	IC ₅₀ (µM) ^b	(n)
SEQ. ID NO:14	F-[XPdChaWR]	4.39 ± 0.10*	41	3	pu		
SEQ. ID NO:16	F-[X²PdChaWR]	5.42 ± 0.05	3.8	က	6.70 ± 0.04	0.4	m
SEQ. ID NO:25	F-[OPdChaWR]	5.51 ± 0.07	3.1	m	5.79 ± . 0.34*	1.6	m
SEQ. ID NO:26	F-[KPdChaWR]	5.09 ± 0.08	8.1	ო	5.55 ± 0.57*	2.8	m
Effect of L-Arg on antagonist potency		binding affinity	and antagonist	s. t			
SEQ. ID NO:17	AcF-[OPdChaWR]	6.57 ± 0.05*	0.3	m	7.91 ± 0.17*	0.01	m
SEQ. ID NO:13	F-[XPdChaWR]	4.98 ± 0.05	10	m	5.63± 0.13*	2.4	m
SEQ. ID NO:15	F-[X²PdChaWR]	$6.50 \pm 0.04*$	0.3	5	7.36 ± 0.13	0.04	т
SEQ. ID NO:27	F-[OPdChaWR]	$7.21 \pm 0.01*$	90.0	m	7.41 ± 0.14	0.04	m
SEQ. ID NO:28	F-[KPdChaWR]	$6.50 \pm 0.12*$	0.3	4	6.69 ± 0.04	0.2	m